

APPLICANTS: Worley et al.
 TITLE: METHOD OF SCREENING AGENTS THAT
 MODULATE A HOMER SIGNALING PATHWAY
 Application No.: 10/518,941 File Date: November 21, 2005
 Docket No.: BHJ1880-1

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atg ggg gaa caa cct atc ttc agc act cga gct cat gtc ttc cag atc
gac cca aac aca aag aag aac tgg gta ccc acc agc aag cat gca gtt
act gtg tct tat ttc tat gac agc aca agg aat gtg tat agg ata atc
agt cta gac ggc tca aag gca ata ata aat agc acc atc act cca aac
atg aca ttt act aaa aca tct caa aag ttt ggc caa tgg gct gat agc
cgg gca aac act gtt tat gga ctg gga ttc tcc tct gag cat cat ctc
tca aaa ttt gca gaa aag ttt cag gaa ttt aaa gaa gct gct cgg ctg
gca aag gag aag tcg cag gag aag atg gaa ctg acc agt acc cct tca
cag gaa tca gca gga gga gat ctt cag tct cct tta aca cca gaa agt
atc aat ggg aca gat gat gag aga aca ccc gat gtg aca cag aac tca
gag cca agg gct gag cca gct cag aat gca ttg cca ttt tca cat agg
tac aca ttc aat tca gca atc atg att aaa (SEQ ID NO: 6)

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Figure 18

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Met Gly Glu Gln Pro Ile Phe Ser Thr Arg Ala His Val Phe Gln Ile
 Asp Pro Asn Thr Lys Lys Asn Trp Val Pro Thr Ser Lys His Ala Val
 Thr Val Ser Tyr Phe Tyr Asp Ser Thr Arg Asn Val Tyr Arg Ile Ile
 Ser Leu Asp Gly Ser Lys Ala Ile Ile Asn Ser Thr Ile Thr Pro Asn
 Met Thr Phe Thr Lys Thr Ser Gln Lys Phe Gly Gln Trp Ala Asp Ser
 Arg Ala Asn Thr Val Tyr Gly Leu Gly Phe Ser Ser Glu His His Leu
 Ser Lys Phe Ala Glu Lys Phe Gln Glu Phe Lys Glu Ala Ala Arg Leu
 Ala Lys Glu Lys Ser Gln Glu Lys Met Glu Leu Thr Ser Thr Pro Ser
 Gln Glu Ser Ala Gly Gly Asp Leu Gln Ser Pro Leu Thr Pro Glu Ser
 Ile Asn Gly Thr Asp Asp Glu Arg Thr Pro Asp Val Thr Gln Asn Ser
 Glu Pro Arg Ala Glu Pro Ala Gln Asn Ala Leu Pro Phe Ser His Arg
 Tyr Thr Phe Asn Ser Ala Ile Met Ile Lys (SEQ ID NO: 7)

Figure 19